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AMENDMENTS TO THE CLAIMS:

This listing of the claims will replace all prior versions, and listings, of the claims in this application.

Listing of Claims:

1. (Currently Amended) A system for displaying an image captured by a sensor array, the system comprising:

a buffer for storing an output from a first plurality of sensors of a sensor array;

means for processing the stored output to create an image corresponding to an output from a plurality of sensors within a first area of the sensor array, wherein the plurality of sensors within the first area of the sensor array are a subset of the first plurality of sensors;

~~means for displaying the image corresponding to an output from a plurality of sensors within a first area of a sensor array; and~~

means for changing the image displayed by translating the first area.

2. (Canceled).

3. (Canceled).

4. (Canceled).

5. (Currently Amended) A system as claimed in claim 1, comprising a memory for receiving and storing the image ~~the output from the plurality of sensors within the first area of the sensor array.~~

6. (Original) A system as claimed in claim 1, comprising a display for displaying the image corresponding to the output from the plurality of sensors within the first area of the sensor array.

7. (Original) A system as claimed in claim 1, comprising a user input device for controlling the translation of the first area within the sensor array.

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8. (Original) A system as claimed in claim 7, wherein the user input device controls translation in a first direction and, independent translation in a second direction, substantially perpendicular to the first direction.

9. (Original) A system as claimed in anyone of claims 7, wherein the first user input device is additionally arranged to resize the first area.

10. (Original) A system as claimed in claim 9, wherein the user input device is arranged to simultaneously resize and translate the first area.

11. (Original) A system as claimed in claim 1, wherein the means for displaying an image comprises a processor.

12. (Currently Amended) A method for displaying an image, the method comprising:

temporarily storing an output from a first plurality of sensors of a sensor array;

processing the stored output to create an image corresponding to an output from a plurality of sensors within a first area of the sensor array, wherein the plurality of sensors within the first area of the sensor array are a subset of the first plurality of sensors;

displaying the an image corresponding to an output from the plurality of sensors within the a first area of the sensor array; and

displaying a different image in response to a user input that is equivalent to translating the first area within the sensor array.

13. (Currently Amended) A system for displaying an image, the system comprising:

a buffer for storing an output from a first plurality of sensors of a sensor ~~an input for receiving an image from a sensor~~ comprising an $N \times M$ array of light sensors, and

a processor for processing the stored output to create an image comprising an $n \times m$ array of pixels corresponding to an output from an $n \times m$ subset of the $N \times M$ array of light sensors, wherein the $n \times m$ subset of light sensors are a subset of the first plurality of sensors, and for controlling a display to display the image ~~comprising an $n \times m$ array of pixels corresponding to~~

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~~an $n \times m$ subset of the $N \times M$ array of light sensors~~, wherein the corresponding $n \times m$ subset is changeable in response to a user input to vary the image for display.

14. (New) A digital camera, comprising the system according to claim 1.

15. (New) A digital camera, comprising the system according to claim 10.

16. (New) A digital camera according to claim 15, wherein said digital resizing corresponds to a digital zoom.

17. (New) A digital camera according to claim 16, wherein said translating of said first area is accomplished by a command.

18. (New) A digital camera according to claim 17, wherein digital resizing forms an image that is larger than said image created by said processing means.

19. (New) A digital camera according to claim 17, wherein digital resizing forms an image that is smaller than said image created by said processing means.

20. (New) A digital camera according to claim 17, comprising a memory for receiving and storing the image.

21. (New) A digital camera according to claim 20, wherein the memory is a built-in permanent memory.

22. (New) A digital camera according to claim 20, wherein the memory is a removable memory.